

FORM PTO-1449 (modified) To: U.S. Department of Commerce (PW FORM PAT-1449) Patent and Trademark Office	Atty. Dkt. No.	M#  0306244	Client Ref.  T2HK-03S0074-1
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Applicant: YUTAKA OKAMOTO et al.	
		Appln. No.: UNASSIGNED	
		Filing Date: October 6, 2003	
		Examiner: UNKNOWN	Group Art Unit: UNKNOWN
Date: October 6, 2003      Page <span style="border: 1px solid black; padding: 0 5px;">1</span> of <span style="border: 1px solid black; padding: 0 5px;">1</span>			

#### U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR	5,341,249	Abbott et al.			
	BR	6,108,388	Douillard et al.			
	CR	6,249,398 B1	Fisher et al.			
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					

#### FOREIGN PATENT DOCUMENTS

Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
				Enclosed	No	Enclose	No
MR	2001-344903	12/2001	Japan	KATO et al.	X		X
NR							
OR							
PR							
QR							
RR							

#### OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

SR	Hagenauer et al., "A Viterbi Algorithm with Soft-Decision Outputs and its Applications," German Aerospace Research Establishment, Institute for Communications Technology, 1989, pages 1680-1686			
TR	Yeo et al., "VLSI Architectures for Iterative Decoders in Magnetic Recording Channels," IEEE Transactions of Magnetics, Vol. 37, No. 2, March 2001, Pages 748-755			
UR	Isaka et al., "A tutorial on "parallel concatenated (Turbo) coding," "Turbo (iterative) decoding" and related topics," The Institute of Electronics, Technical Report of IEICE, 1998, pages 1-18			
VR				
WR				
XR				

Examiner	Date Considered:
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

Docket Number: 008312-0306244

PATENT APPLICATION

Client Reference: T2HK-03S0074-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

YUTAKA OKAMOTO, et al.

Group Art Unit:

Application No.:

Examiner: UNKNOWN

Filed: October 6, 2003

Confirmation No.: UNKNOWN

For: SIGNAL PROCESSING DEVICE UTILIZING PARTIAL RESPONSE MAXIMUM  
LIKELIHOOD DETECTION

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.


This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

Relevance of the non-English language reference(s) is discussed in the present specification and/or in the attached English-language Abstract.

Client Reference: T2HK-03S0074-1

Additionally, the attached applications identified in the attached Appendix are directed to related technical subject matter. The identification of those U.S. Patent Applications are not to be construed as a waiver of secrecy as to those applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination.

Respectfully submitted,

  
\_\_\_\_\_  
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Date: October 6, 2003

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APPENDIX

Examiner's Initials	First Inventor	Application No.	Filing Date	Enclosed
	MANABU AKAMATSU	10/341,399	01/14/2003	<input checked="" type="checkbox"/> Specification <input checked="" type="checkbox"/> Drawings <input checked="" type="checkbox"/> Other: Filing Receipt
	MANABU AKAMATSU	10/342,190	01/15/2003	<input checked="" type="checkbox"/> Specification <input checked="" type="checkbox"/> Drawings <input checked="" type="checkbox"/> Other: Filing Receipt

The Examiner's initials indicates he/she has considered the cited application relative to the subject application.

**DO NOT PRINT** the above information on the patent which results from the subject application.